

ABSTRACT

[00120] Exothermic elements (30) for hyperthermic treatment having, as a main component thereof, ferromagnetic layers (20) coated outside nucleus particles (10). The ferromagnetic layers (20) comprise an oxide having a magnetic domain structure mainly formed of at least one of a single domain and a pseudo-single domain.

[00121] These exothermic elements for hyperthermic treatment may be manufactured by heating after depositing iron hydroxide on the nucleus particles (10) by a liquid phase process.